

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2016, Rhode Island

Year	Coal  Thousand Short Tons	Natural Gas <sup>a</sup>  Billion Cubic Feet	Petroleum							Hydro- electric Power <sup>f,g</sup>  Million Kilowatt- hours	Biomass		Geo- thermal <sup>g</sup>	Solar <sup>g,j</sup>	Retail Electricity Sales	Net Energy <sup>g,k</sup>	Electrical System Energy Losses <sup>l</sup>	Total <sup>g,k</sup>
			Distillate Fuel Oil	HGL <sup>b</sup>	Jet Fuel <sup>c</sup>	Motor Gasoline <sup>d</sup>	Residual Fuel Oil	Other <sup>e</sup>	Total		Wood and Waste <sup>g,h</sup>	Losses and Co- products <sup>i</sup>			Million Kilowatt- hours			
1960	25	11	8,093	207	38	5,975	9,114	2,016	25,443	1	--	--	--	--	1,911	--	--	--
1970	10	23	8,575	375	137	8,009	6,736	1,868	25,700	0	--	--	--	--	3,927	--	--	--
1980	7	26	5,004	293	348	8,416	891	1,671	16,625	0	--	--	--	--	5,131	--	--	--
1990	5	30	5,267	501	776	8,765	1,084	1,923	18,316	0	--	--	--	--	6,419	--	--	--
2000	2	40	5,420	447	1,283	9,468	681	478	17,776	0	--	--	--	--	7,301	--	--	--
2001	2	37	5,707	431	1,304	9,617	633	547	18,239	0	--	--	--	--	7,393	--	--	--
2002	3	34	5,647	560	1,286	9,452	610	448	18,003	0	--	--	--	--	7,561	--	--	--
2003	4	36	6,554	473	1,056	9,474	683	543	18,783	0	--	--	--	--	7,797	--	--	--
2004	3	37	6,493	360	1,035	9,108	671	392	18,059	0	--	--	--	--	7,888	--	--	--
2005	3	37	6,150	433	825	9,216	727	568	17,919	0	--	--	--	--	8,049	--	--	--
2006	2	34	5,304	416	593	9,854	478	532	17,176	0	--	--	--	--	7,799	--	--	--
2007	2	37	5,744	417	335	9,730	411	197	16,835	0	--	--	--	--	8,013	--	--	--
2008	0	36	4,995	408	300	9,727	242	1,437	17,108	0	--	--	--	--	7,819	--	--	--
2009	0	37	5,567	402	694	9,446	547	963	17,619	0	--	--	--	--	7,618	--	--	--
2010	0	37	5,402	356	639	9,378	232	<sup>R</sup> 1,087	<sup>R</sup> 17,094	0	--	--	--	--	7,799	--	--	--
2011	0	36	5,002	396	751	8,837	179	<sup>R</sup> 828	<sup>R</sup> 15,994	0	--	--	--	--	7,732	--	--	--
2012	0	35	4,748	382	696	8,566	49	<sup>R</sup> 901	<sup>R</sup> 15,344	0	--	--	--	--	7,708	--	--	--
2013	0	39	4,992	448	693	8,629	37	<sup>R</sup> 1,153	<sup>R</sup> 15,951	0	--	--	--	--	7,781	--	--	--
2014	0	44	5,549	554	710	8,742	46	<sup>R</sup> 1,178	<sup>R</sup> 16,778	0	--	--	--	--	7,643	--	--	--
2015	0	44	5,280	526	668	<sup>R</sup> 9,031	47	<sup>R</sup> 1,120	<sup>R</sup> 16,672	0	--	--	--	--	7,665	--	--	--
2016	0	39	3,641	557	716	8,897	64	955	14,831	0	--	--	--	--	7,524	--	--	--

## Trillion Btu

1960	0.6	11.9	47.1	0.8	0.2	31.4	57.3	12.2	149.1	(s)	2.9	NA	NA	NA	6.5	171.0	16.1	187.1
1970	0.2	23.3	49.9	1.4	0.8	42.1	42.4	11.5	148.0	0.0	5.2	NA	NA	NA	13.4	190.1	32.4	222.5
1980	0.2	26.5	29.1	1.1	2.0	44.2	5.6	10.4	92.4	0.0	7.3	NA	NA	NA	17.5	143.6	42.1	185.6
1990	0.1	31.1	30.7	1.9	4.4	46.0	6.8	12.5	102.3	0.0	3.4	0.0	0.0	(s)	21.9	158.8	53.9	212.7
2000	0.1	41.9	31.5	1.7	7.3	49.4	4.3	2.9	97.1	0.0	3.0	0.0	(s)	(s)	24.9	167.0	35.6	202.6
2001	0.1	38.3	33.2	1.6	7.4	50.1	4.0	3.3	99.7	0.0	2.5	0.0	(s)	(s)	25.2	165.7	36.2	201.9
2002	0.1	34.9	32.9	2.1	7.3	49.3	3.8	2.7	98.1	0.0	2.4	0.0	(s)	(s)	25.8	161.2	39.7	200.9
2003	0.1	37.4	38.1	1.8	6.0	49.3	4.3	3.4	102.9	0.0	2.5	0.0	(s)	(s)	26.6	169.5	46.6	216.1
2004	0.1	37.6	37.8	1.4	5.9	47.4	4.2	2.4	99.0	0.0	2.5	0.0	(s)	(s)	26.9	166.2	47.8	214.0
2005	0.1	37.6	35.8	1.6	4.7	47.9	4.6	3.6	98.1	0.0	0.8	0.0	(s)	(s)	27.5	164.1	43.3	207.4
2006	(s)	34.8	30.8	1.5	3.4	51.2	3.0	3.3	93.2	0.0	0.7	0.0	(s)	0.1	26.6	155.3	43.2	198.5
2007	(s)	37.5	33.2	1.6	1.9	50.2	2.6	1.1	90.6	0.0	0.7	0.0	(s)	0.1	27.3	156.3	42.1	198.4
2008	0.0	37.2	28.9	1.5	1.7	49.9	1.5	9.4	92.9	0.0	0.8	0.0	(s)	0.1	26.7	157.6	36.9	194.5
2009	0.0	38.3	32.2	1.5	3.9	48.2	3.4	6.3	95.5	0.0	1.6	0.0	(s)	0.1	26.0	161.5	33.5	195.0
2010	0.0	37.8	31.2	1.4	3.6	47.6	1.5	7.1	R 92.4	0.0	1.5	0.0	(s)	0.1	26.6	R 158.4	37.0	R 195.4
2011	0.0	37.1	28.9	1.5	4.3	44.8	1.1	5.4	R 86.0	0.0	R 1.6	0.0	0.1	0.1	26.4	R 151.3	34.5	R 185.8
2012	0.0	36.0	27.4	1.5	3.9	43.4	0.3	5.9	82.4	0.0	1.4	0.0	0.1	0.1	26.3	146.3	37.6	183.9
2013	0.0	40.4	28.8	1.7	3.9	43.7	0.2	R 7.5	85.9	0.0	1.9	0.0	0.1	0.1	26.5	155.0	44.2	199.2
2014	0.0	45.3	32.0	2.1	4.0	44.2	0.3	7.7	R 90.4	0.0	R 2.0	0.0	0.1	0.1	26.1	R 164.0	41.0	R 205.0
2015	0.0	45.1	30.5	2.0	3.8	R 45.7	0.3	R 7.3	R 89.6	0.0	R 1.6	0.0	0.1	0.2	26.2	R 162.7	40.0	202.7
2016	0.0	40.7	21.0	2.1	4.1	45.0	0.4	6.2	78.8	0.0	1.3	0.0	0.1	0.3	25.7	146.9	39.3	186.2

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.<sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.<sup>c</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."<sup>d</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.<sup>e</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.<sup>f</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.<sup>g</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.<sup>h</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.<sup>i</sup> Losses and co-products from the production of fuel ethanol.<sup>j</sup> Solar thermal and photovoltaic energy. Includes a small amount of wind energy consumed by commercial and industrial utility-scale facilities.<sup>k</sup> Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.<sup>l</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.